

A

Library name	Source	SPARC tags per million	SPARC tag counts	Total tags in this library
SAGE H126	Normal pancreatic ductal cell culture	30	1	32512
SAGE HX	Normal pancreatic ductal cell culture	93	3	32226
SAGE CAPAN1	Pancreatic cancer cell line		0	37962
SAGE CAPAN2	Pancreatic cancer cell line		0	38354
SAGE HS766T	Pancreatic cancer cell line		0	47061
SAGE Panc1	Pancreatic cancer cell line	200	5	24924
SAGE Panc 91-16113	Primary pancreatic adenocarcinoma tissue	3209	109	33957
SAGE Panc 96-6252	Primary pancreatic adenocarcinoma tissue	1706	61	35750

B

Sample name	Signal intensity	Detection call
NPDC1 (normal pancreatic ductal cells)	1336	Present
NPDC2 (normal pancreatic ductal cells)	895	Present
HPDE	3255	Present
AsPC1	8.7	Absent
CFPAC1	29.4	Absent
Hs766T	4.1	Absent
MiaPaCa2	75.3	Absent
Panc1	442.1	Present

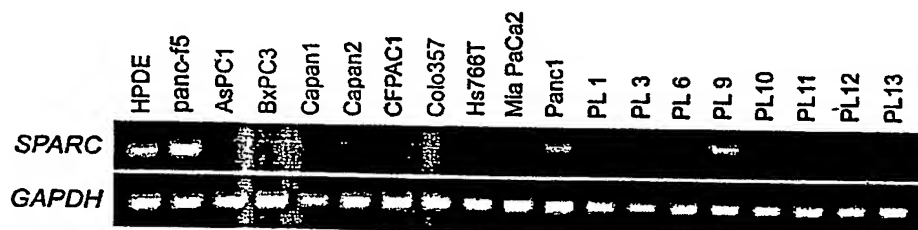
C**Figure 1**



Figure 2

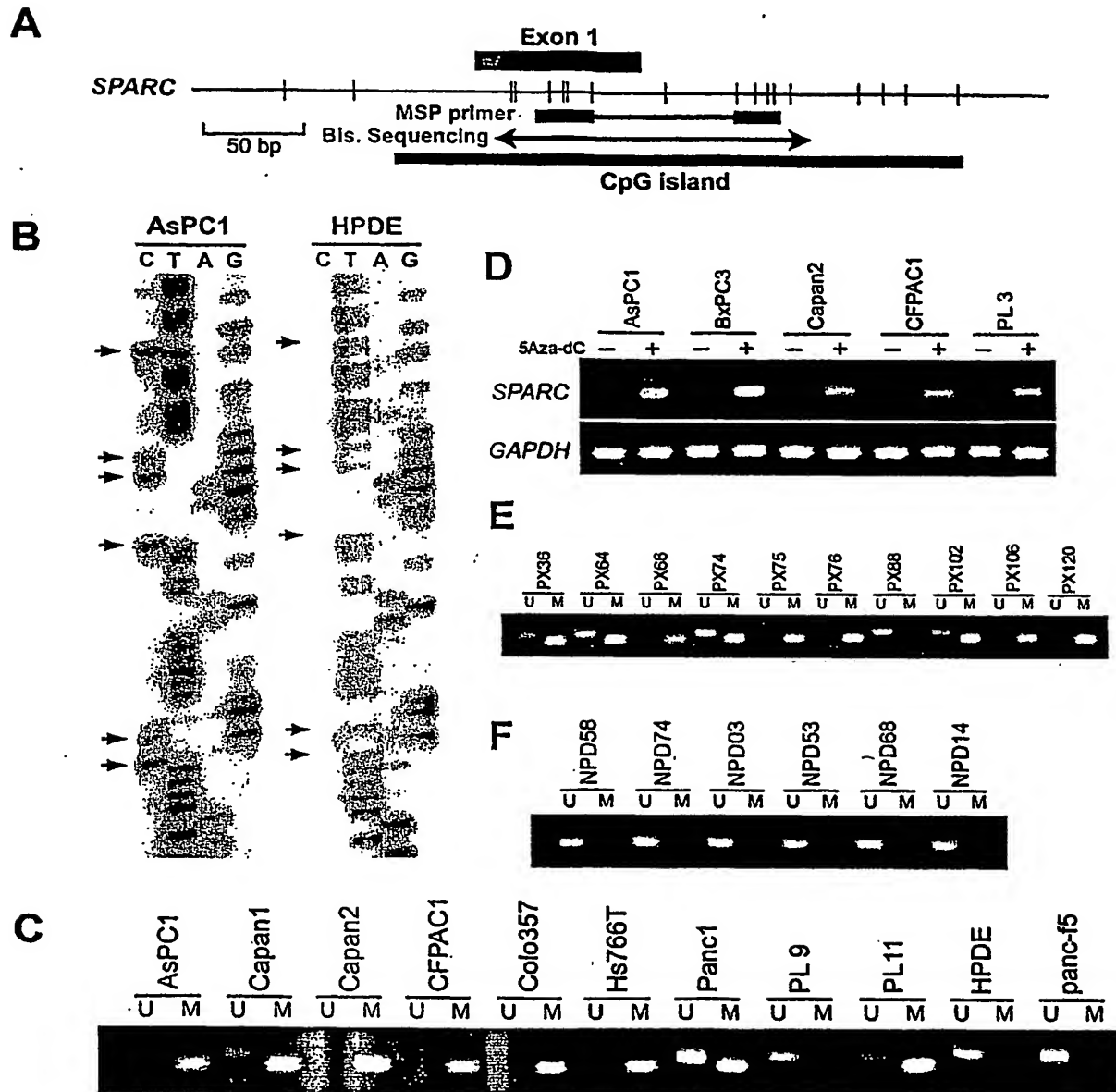


Figure 3

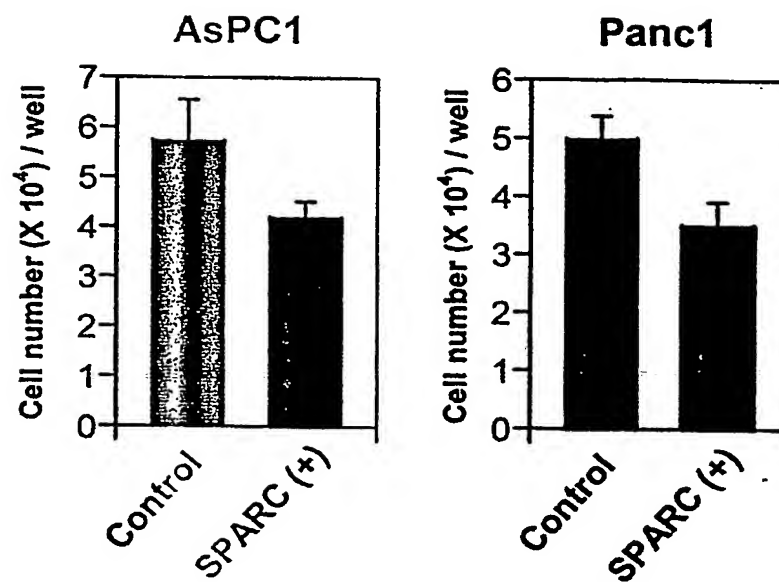


Figure 4

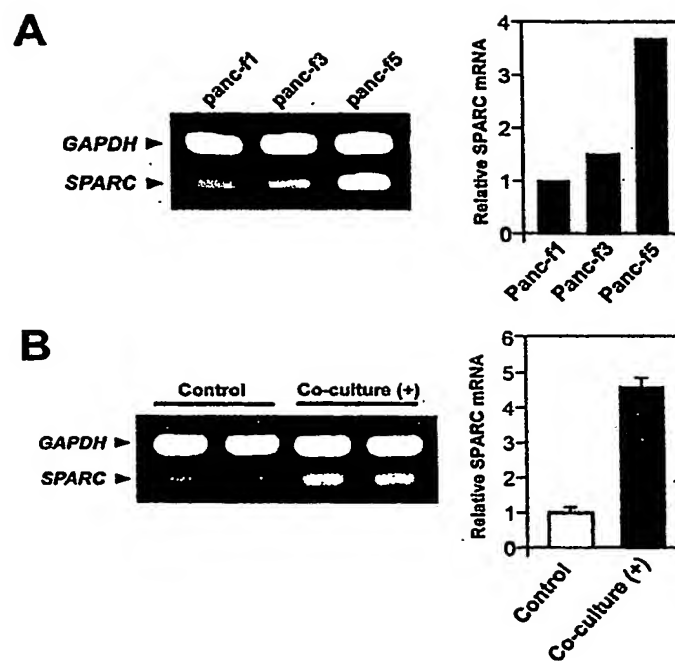


Figure 5

1621 taagagcatg gcccteggtc ctgtctgcct gttgcttttc agaaggtgga ctcaactgtgt
1681 aacttttgtct tcccttacag gtttacagga aaataatctc actatgttct tggggggagc
1741 atttttctcac tctctgtttt tctctgtgtc tgtctctggt ttcagaggct gcctgcctgt
1801 cctcttttgcct ccctttgcaa atgtggcagc ctctctcttt cctgggaatc tgatcccatc
1861 acagctgcca cagggacctg gccagcaacc ggagtctgtc ctccagatct cggtcagggg
1921 ttctgttttc caaaaaggga ctttgcagaa caatcagttg atctctgaaa gggaaagggg
1981 gaggcttcac cattaatcca cacctctggg aagcttctgt tttcctctaa ttctcctcac
2041 tcccaaacac caccttccgt cccccaata cacaaatttc agcaccattc tgctgaaat
2101 ggcaccatca caacctcagt cttgggttag gtgttgttcc tgcctgagt tccttgggat
2161 ggtaaacaca ggcagtagcc cttagtttat ctagatctga aaaccagac atcagatctc
2221 gtcaaccaag acatgggtgt aatgggaggt ggagtgtgct gggggagata ttctcagaag
2281 ggggaaaggg ggaagggaag agggagagaa ttc

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Bisulfite Sequencing primers

forward; ATT TAG TTT AGA GTT TTG AGT GG (position 1359-1381)

reverse; ACA AAA CTT CCC TCC CTT AC (position 1560-1579)

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1081 tttssagttt ttaggtttta tttgtttttt gaataagaaa gaggtttggt ttggttattt
1141 ttttagtttg tttagttttg gtattttgtg agtcgggttta ggtagtagtt tcggaataga
1201 tgaggtaggt aggggtggga cgtttggtta ggatagttta tcgtaaaaag aggaggaaag
1261 aaatgaaaga tagagatagt tttggttatg ggagaaggag gaggtcgggg gaaggaggag
1321 ataggaggag gagggattac ggggtggagg ggagatag tttttttttttttttttttttt
1381 tttttttttttttttttttttt tttttttgtt gtttgttttt aaattttttt atattttcgc ggtttttttag attgttcgga
1441 ggcgcggttt tgtttgctgt ttgtttgttt gttattgagg tatgtgtgat ttctgttttag
1501 tttttttttt ttatagttgt attaatttcg atattttcgt ttacgtcgtt agttcgtgtt
1561 tttttttttttttttttttttt gaggatgcgt tttttttttt gggttttatta cggttttttt
1621 taagagtatg gttttcgggt ttgtttgttt gttgtttttt agaaggtgga tttattgtgt
1681 aattttgttt ttttttatag gtttatagga aaataatttt attatgtttt tcggggggagt
1741 atttttttat tttttgtttt tttttgtgtt tgtttttggt tttagagggt gtttgtttgt
1801 tttttttgtt tttttgttaa atgtggtagt tttttttttt tttgggaatt tgattttatt
1861 atagttgtta tagggatttg gttagtaatc ggagtttggt ttttagattt cggttagggg
1921 ttttgttttt taaaaaggga tttttagtaa taattagttg atttttgaaa gggaaagggg
1981 gaggttttat tattaattta tatttttggg aagttttgtt ttttttttaa ttttttttat
2041 ttttaaatat tatttttcgt ttttttaata tataaatttt agtattattt tgtttgaaat
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Figure 7

Methylation specific PCR primers**Unmethylated**

forward; TTT TTT AGA TTG TTT GGA GAG TG (position 1423-1445)

Reverse; AAC TAA CAA CAT AAA CAA AAA TAT C (position 1530-1554)

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1321 ataggaggag gagggattat ggggtggagg ggagatagat ttagtttaga gttttgagtg
1381 gttttttggt gtttgttttt aaattttttt atatttttgt gg
1441 gttttt tggttggtgt ttgtttgttt gttattgagg tatgtgtgat tttgttttag
1501 tttttttttt ttatagttgt attaatattt
1561 taaggaggagg aagttttggt gaggatgtgt tttttttttt ggttttatta tggttttttt
1621 taagagtatg gtttttggtt ttgtttgttt gttgtttttt agaagggtgga tttattgtgt

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Figure 8A

Methylated

forward; GAG AGC GCG TTT TGT TTG TC (position 1439-1458)

Reverse; AAC GAC GTA AAC GAA AAT ATC G (position 1529-1550)

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1321 ataggaggag gagggattac ggggtggagg ggagatagat ttagtttaga gttttgagtg
1381 gttttttggt gtttgttttt aaattttttt atatttttgc gg
1441 gttttt tggttggtgt ttgtttgttt gttattgagg tatgtgtgat tttcgtttag
1501 tttttttttt ttatagttgt attaatattt
1561 taaggaggagg aagttttggt gaggatgcgt tttttttttt ggttttatta cggttttttt
1621 taagagtatg gttttcggtt ttgtttgttt gttgtttttt agaagggtgga tttattgtgt

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Figure 8B